

DMOKHOVSKIY, V.V.

Concerning A.M. Levit's article "Complex of protective devices
for radiological units using closed γ -emitters". Med. rad. 8
no.11:74 N '63. (MIRA '7:12)

L 39487-66 EWT(1)/EWA(h) GD/GS
ACC NR: AT6002986

SOURCE CODE: UR/0000/65/000/000/0188/0195

AUTHOR: Dmoshinskiy, G. M.

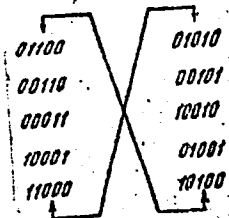
ORG: none

TITLE: Construction of ferrite-transistor constant-weight counters ⁴⁵

SOURCE: Vsesoyuznoye soveshchaniye po magnitnym elementam avtomatiki i vychislitel'noy tekhniki. 9th. Yerevan, 1963. Magnitnyye tsifrovyye elementy (Magnetic digital elements); doklady soveshchaniya. Moscow, Izd-vo Nauka, 1965, 188-195

TOPIC TAGS: pulse counter, constant weight counter, ferrite transistor counter

ABSTRACT: An original method of constructing a p/n counter is suggested in which the counting in the selected code is realized by means of a master device; here, p is the (constant) number of ones in the code and n is the number of digits in the counter. The number of states in a p/n counter is $N = C_n^p$; e.g., for a 2/5 counter, $N = 10$, and the sequence of states will be: This example shows that the counter states can be subdivided into several (in this case, 2) groups. Ones are shifted within each group, and the groups differ by their inter-ones intervals. The number of groups, in the general case, is given



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by: $Q = \frac{C_n^p}{n} = \frac{n!}{p!(n-p)!n} = \frac{(n-1)!}{p!(n-p)!}$ Transition from one group to the next can be performed either by special logical couplings (W. H. Kautz, IRE Trans., EC, 1960, 9, N2, 231-234) or by a special master device which consists of a register, a scaler, and logical circuits; the second method permits realizing a counter with any p and n. Both methods lend themselves easily for constructing counters with ferrite-transistor elements. Block diagrams and numerical examples illustrate the methods. Orig. art. has: 5 figures and 9 formulas.

SUB CODE: 09 / SUBM DATE: 23Apr65 / ORIG REF: 000 / OTH REF: 001

DMOWSKA, Hanna

Carbon black in the rubber industry. Polimery tworzą wielk 9 no.5:201-204 My'64.

1. Laboratory of Basic Raw Materials, Institute of the Rubber Industry, Warsaw.

BUKOWSKA, Irena; DMOWSKA, Irmina

Surgery of a pancreatic cyst and formation of an intestinal anastomosis.
Polski przegl. chir. 30 no.4:413-416 Apr 58.

1. Z Oddziału Chirurgicznego Szpitala Wojewodzkiego w Zielonej Gorze.
Ordynator: dr A. Bandurski. Zielona Gora, Plac Wielkopolski 4.
(PANCREAS, cysts
surg. & anastomosis of cyst to intestines (Pol))

Dmowska, W.

Poland/Analytical Chemistry - Analysis of Organic Substances, G-3

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1299

Author: Dmowska, W., and Pech, M.

Institution: None

Title: A Method for the Quantitative Determination of Decamethylene-1, 10-bis-trimethylammonia Iodide in Aqueous Solution and in Solutions of Physiological Salts

Original Periodical: Acta polon. pharmac., 1956, Vol 13, No 3, 219-222 (published in Polish with summaries in English and Russian)

Abstract: For the determination of decamethylene-1, 10-bis-trimethylammonia (decametoniumiodid) (I) with silver nitrate in the medicinal compounds "evlissin" and "sinkurin," about 0.4 gms samples are dissolved in 50 ml water to which 5 ml of 6 N HNO₃ (II), 20 ml of 0.1 N AgNO₃, 3 ml of nitrobenzene, and one milliliter of iron-ammonium alum solution (ca. 40% solution acidified with II) are added. The excess AgNO₃ is titrated with 0.1 N NH₄SCN. When physiological salts are present in

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Poland/Analytical Chemistry - Analysis of Organic Substances, G-3

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1299

Abstract: I, 5 ml of a 0.3% sample are mixed with 400 ml water, 0.2 ml Br₂ and one milliliter of 1:1 H₂SO₄. Several marble chips are added and the mixture is boiled (~10 minutes) until all the Br₂ is eliminated. The solution is cooled and 0.2 ml of a 25% solution of phenol in CH₃COOH are added; after mixing for 2 minutes, 2 gms KI are added. The iodine which is evolved is titrated with 0.05 N Na₂S₂O₃, using starch as an indicator.

Card 2/2

DMOWSKI, Gustaw; SMA/KIEWICZ, Ludwik

Bullous emphysema in the course of staphylococcal pneumonia. Polski tygod. lek. 13 no.52:2124-2128 29 Dec 58.

1. (Z I Kliniki Chorob Wewnętrznych; kierownik; prof. dr med. M. Kedra i z Zakładu Radiologii A. M. w Lublinie; kierownik: prof. dr med. K. Skorzyński). Adres: Lublin, I Klin. Chor. Wewn.

(EMPHYSEMA, PULMONARY, case reports

bullous, assoc. with micrococcal bronchopneumonia (Pol))

(BRONCHOPNEUMONIA, case reports

micrococcal, assoc. with bullous emphysema (Pol))

(MICROCOCCAL INFECTIONS, compl.

bullous emphysema assoc. with micrococcal bronchopneumonia (Pol))

DMOWSKI, Gustaw; POLESZAK, Jozef; ROZEK, Stanislaw

A case of primary cryoglobulinemia. Polski tygod. lek. 16 no.31:
1199-1203 31 JI '61.

1. Z I Kliniki Chorob Wewnetrznych A.M. w Lublinie, kierownik: prof.
dr med. Mieczyslaw Kedra.

(SERUM GLOBULIN)

DMOWSKI, Gustaw; GORSKI, Michal

A case of Brill-Symmers disease with thromboeytic hemorrhagic diathesis. Polski tygod. lek. 16 no.40:1541-1546 20 '61.

1. Z I Kliniki Chorob Wewnetrznych A.M. w Lublinie, kierownik: prof. dr Mieczyslaw Kedra i z Zakladu Anatomii Patologicznej A.M. w Lublinie; kierownik: prof dr Stanislaw Mahrburg.

(LYMPHOMA GIANT FOLLICULAR compl)
(HEMORRHAGIC DIATHESIS compl)

CZERNICKA, Halina; DMOWSKI, Gustaw

Hypertrophic liver cirrhosis with hyperproteinemia and macroglobulinemia. Pol. tyg. lek. 17 no.19:756-758 7 My '62.

1. Z I Kliniki Chorob Wewnętrznych AM w Lublinie; kierownik: prof. dr M. Kedra.

(SERUM GLOBULIN) (BLOOD PROTEINS)
(LIVER CIRRHOSIS blood)

KEDRA, Mieczyslaw; MARKIEWICZ, Marian; STAZKA, Zuzanna; DMOWSKI, Gustaw

Value of the determination of the blood lipid content and of
some graphic methods in the diagnosis of arteriosclerosis.

Pol. tyg. lek. 18 no.34:1251-1256 19 Ag '63.

1. Z I Kliniki Chorob Wewnętrznych AM w Lublinie; kierownik:
prof. dr med. Mieczyslaw Kedra.

(BLOOD LIPIDS) (ARTERIOSCLEROSIS)

(DIAGNOSIS, LABORATORY) (BLOOD CHEMICAL ANALYSIS)

POLAND

DMOWSKI, Gustaw, TUSZKIEWICZ, Maria, BEDNARZEWSKI, Janusz,
and HARTAROWICZ, Czeslaw; First Clinic of Internal Diseases
(I Klinika Chorob Wewnętrznych) (Director: Prof. Dr. med.
Mieczysław KEDRA) and Department of Medical Microbiology
(Zakład Mikrobiologii Lekarskiej) (Director: Prof. Dr. Jo-
zef PARNAS), both of the AM [Akademia Medyczna, Medical A-
cademy] in Lublin

"Clinical Evaluation of Tetracyclinum basicum (Domestic)."
Warsaw, Polski Tygodnik Lekarski, Vol 18, No 37, 9 Sep 63;
pp 1386-1390

Abstract: [Authors' English summary modified] Authors re-
port the details of a clinical study on the effectiveness
of Tetracyclinum basicum produced by the Pharmaceutical
Factory Zakłady Farmaceutyczne) in Tarchomin, and compared
it with that of aureo- and terramycin, and report their
findings in five (5) tables. They conclude that tetracyc-
linum basicum is a valuable antibiotic, not worse than
other antibiotics of the tetracycline group. There are 10
references: 4 Soviet, 4 Polish, 2 English.
1/1

DMOWSKI, G.

Effect of smoking on the circulatory system and on the development of arteriosclerosis. Pol. tyg. lek. 19 no.22:843-847
25 My'64

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w
Lublinie; kierownik: prof. dr. med. M. Kępczyński.

KEDRA, Mieczysław; DMOWSKI, Gustaw

Influence of smoking on the development of atherosclerosis and blood lipid composition. Pol. tyg. lek. 20 no.14:497-500 5 Ap '65.

1. Z I Kliniki Chorob Wewnętrznych AM w Lublinie (Kierownik: prof. dr. med. M. Kedra).

DMOWSKI, I.

"Vacuum circuit breakers."

p. 309 (Wiadomosci Elektrotechniczne) Vol. 17, no. 12, Dec. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

DMOWSKI, I.

"Modern electric-power cables."

p. 310 (Wiadomosci Elektrotechniczne) Vol. 17, no. 12, Dec. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

DMOWSKI, I.

TECHNOLOGY

Periodicals: ENERGIJA. Vol. 12, no. 10, Oct. 1958

DMOWSKI, I. Accumulation of electric energy in a power system. p. 805

Monthly List of East European Accessions (ERAI) LC, Vol. 8, No.5,
February 1959, Unclass.

DMOWSKI, I.

Recent achievements in magnetohydrodynamic generators. Wiad
elektrotechn 31 no.3:60 Mr '63.

BIJASIEWICZ, Jerzy, mgr inż.; DMOWSKI, Ignacy, mgr inż.

Impressions from a stay in the Soviet Union. Energetyka
Pol 17 no.2:61-63 F '63.

L 18925-63

BDS

P/0020/63/000/005/0155/0158

ACCESSION NR: AP3001642

AUTHOR: Bijasiewicz, Jerzy (graduate engineer); Dmowski, Ignacy (graduate engineer) 46

TITLE: Impressions from a visit to Soviet plants.

SOURCE: Energetyka, no. 5, 1963, 155-158

TOPIC TAGS: electric power plant, transmission line, hydro plant, steam plant

ABSTRACT: Authors give a general description of electric power plants in the Dnieper and Volga regions. General data on transmission lines and distribution networks are also given. The smaller plants of 3 megawatt capacity in the Kiev region supply only about 15% of the total power, while 85% of it is supplied by the larger plants. Transmission lines in this region are of 220 and 330 kilovolts. Electric power is divided into 110 and 35 kilovolts. Low voltage is 380/200 volts. During the past two years, 1500 km of 35 to 330 kilovolt transmission lines have been built. Synchronous condensers are used for reactive power. Their capacity is 330 MVA, and they are hooked up to 110 kilovolt lines. Steam turbines have a capacity of 25 to 50 MW and are fed by boilers producing steam at the rate of

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ACCESSION NR: AP3001642

170 to 230 tons/hour. The largest power plant in the Volga region is the 2582 MW hydro plant named for the 22nd Party Congress. It has 21 water turbines of 115 MW each and has been in operation since 1960. Power from this plant is to be transmitted over 220, 500 and 800 kilovolt overhead transmission lines. Distribution voltages are the same as for the Dnieper power plant. General layouts of power plant locations are given in Figures 1, 2 and 3. Orig. art. has: 3 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 01Jul63

ENCL: 00

SUB CODE: EE

NO REF SOV: 000

OTHER: 000

Card

2/2

DMOWSKI, Ryszard M.

Optimal control for plants with numerator dynamics. Archiw automat
9 no.4:357-383 '64.

1. Department of Theories of Control of the Institute of Automation
of the Polish Academy of Sciences, Warsaw.

DMOWSKI, Zygmunt, dr

Coordination of the work of seaports with the administration of
foreign trade. Tech gosp morska 12 no.10:294-296 0 '62.

1. Wyższa Szkoła Ekonomiczna, Sopot.

GRIGORENKO, Ya.M.[Hryhorenko, IA.M.], inzh.; DMUKHAYLO, M.A.

Liquid lubrication of tractor support rollers. Mekh.sil'.
hosp. 10 no.11:19-20 N '59. (MIRA 13:3)

1. Zaporozhskoye oblupravleniye sel'skogo khozyaystva (for
Grigorenko). 2. Starshiy inspektor po gostekhnadzoru Zhdanov-
skoy remontno-tekhnicheskoy stantsii, Dnepropetrovskoy oblasti
(for Dmukhaylo).

(Crawler tractors--Lubrication)

L 18435-66 EWT(1)

ACC NR: AP6007795

SOURCE CODE: UR/019/66/011/002/0163/0170

AUTHOR: Dmytruk, M. L.—Dmitruk, N. L.; Lyashenko, V. I. 72/13

ORG: Institute of Semiconductors, AN URSR, Kiev (Instytut napivprovidnykiv, AN URSR)

TITLE: Investigation of the condenser photo EMF on n-type CaAs

SOURCE: Ukrayns'skyi fizychnyy zhurnal, v. 11, no. 2, 1966, 163-170

TOPIC TAGS: photo EMF, photoelectric effect, temperature dependence, light emission, electric field, surface property, chemical kinetics

ABSTRACT: An experimental investigation of the dependence of the photo EMF of n-CaAs on the state of the surface, temperature, light intensity, and external electric field was carried out. The surface properties were shown to have a substantial effect on the photo EMF, and the conclusion is drawn that the surface photo EMF plays a dominant role. The sign and magnitude of the bend of the zone at the surface are determined ($Y_0 = -15$ to -20 kT/e). The study of the kinetics of the photo EMF, the effect of the bias lighting, and the dependence on the electric field indicate surface attachment of photo vacancies. The authors thank V. G. Lytovchenko and O. V. Snitku, Candidates in Physical and Mathematical Sciences, for taking part in the discussion of this work. Orig. art. has: 5 figures and 2 formulas. [Based on author's abstract.]

SUB CODE: 07, 20/ SUBM DATE: 13Apr65/ ORIG REF: 009/ OTH REF: 011/ 2

~~BY~~ D MYTROW, EUGENIUSZ

POLAND/Chemical Technology. Chemical Products and Their Application.
Food Industry.

H-28

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 16006

Title : Problems of Drying of Grain in Poland.

Author : Dmytrow Eugeniusz

Inst :

Orig Pub: Przegl. zboz.-mlynarski, 1957, 1, No 4, 1-3.

Abstract: No abstract.

Card : 1/1

DMYTRYK-DARWAJ, Jaroslawa

2 cases of aspirin poisoning during the course of therapy with
accepted doses. *Pediat. pol.* 38 no.10:915-918 0 '63.

1. Z II Katedry i Kliniki Chorob Dzieci AM w Lublinie Kierownik:
doc. dr med. A. Gebala.

(ACETYSALICYLIC ACID)
(ACID-BASE EQUILIBRIUM)
(RHEUMATIC FEVER)

DMYTRYK-DARWAJ, Jaroslawa

Analysis of convulsions treated in the 2nd Pediatric Clinic of the
Medical Academy in Lublin. Przegl. lek. 21 no.6:425-428 '65.

1. Z II Kliniki Pediatrycznej AM w Lublinie (Kierownik: Doc.
dr. med. A. Gebala).

DMYTRYK-DARWAJ, Jaroslawa; MUSZYNSKI, Andrzej

On the diagnosis and surgical treatment of craniostemosis.
Pediat. Pol. 40 no.7:707-711 J1 '65.

1. Z II Kliniki Pediatricznej AM w Lublinie (Kierownik:
doc. dr. med. A. Gebala) i z Kliniki Neurochirurgii AM
w Lublinie (Kierownik: doc. dr. med. H. Kozniewska).

DNAKOV, V. S.

Sel'skokhoziastvennyi nalog (Agricultural tax). Moskva, Gosfinizdat, 1952. 132 p.

SO: Monthly List of Russian Accessions, Vol 6, No. 3, June 1953

DNEPRENKO, K. V.

133-10-18/26

AUTHOR: Dneprenko, K. V., and Ioffe, M. M.

TITLE: Elimination of Decarbonization of Alloy Steel While Annealing in Protective Media.. (Ustraneniye Obezuglerozhivaniya Legirovannoy Stali Pri Otzhige v Zashchitnykh Sredakh).

PERIODICAL: Stal', 1957, No.10, pp. 934-935 (USSR).

ABSTRACT: A study of various protective atmospheres on decarbonization of steel and of conditions under which this can be prevented is described. On the Zaporozhstal' Works during the annealing (700-715°C for 8 hours) of cold and hot rolled sheets from steels 25XrCA and 25Xr~~CA~~A in a protective atmosphere obtained by an incomplete combustion of a mixture of coke-oven - blast furnace gas (10-11% CO₂, 11-12% CO, 5-6% H₂) a large percentage of defects (up to 37%) due to decarbonization was observed. For this reason the described investigation was carried out. In laboratory studies specimens cut from sheets of 25X CA steel (% 0.28C, 0.98 Mn, 1.0%Si, 0.016 P, 0.020 S and 0.86 Cr) were annealed at temperatures 650, 700, 745°C for 10 hours and at 830°C for 3 hours. Decarbonization was taking place at temperature 700°C Card 1/3 (Fig. 1) and above, By passing the protective gas

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Elimination of Decarbonization of Alloy Steel While Annealing
in Protective Media.

through charcoal at 1000°C (decreasing CO₂ content from 8.9% to 1%) the decarbonization process was stopped. Similar results were obtained when from the protective atmosphere formed by an incomplete combustion of coke-oven, blast furnace gas mixture CO₂ and H₂S were removed by absorption with ethylamine. Industrial experiments were carried out with sheets from 25XГCA, 30XГCA and 25XГCA by annealing in packets and coils at 700-715°C for 8 hours and 3 hours without protective atmosphere. In all cases a considerable degree of decarbonization took place. In similar experiments but with a protective atmosphere with a CO/CO₂ ratio = 1, a noticeable decarbonization took place. In further experiments protective gas was enriched with kerosene (1-2 litres per 4 hours) however, some decarbonization was still noticeable. On the suggestion of V.F. Kopytov the protective gas was passed over the surface of benzole. As the proportion of benzole in gas, under other conditions constant, depends on the surface area of the evaporating surface, a number of tanks of various diameters were tested (as in Fig. 2). The best results Card 2/3 were obtained with a tank of 500 mm in diameter. On

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Elimination of Decarburisation of Alloy Steel During Annealing
in Protective Media.

annealing of sheets with a benzole enriched gas the degree of decarburisation was much decreased and on annealing of steel in coils, decarburisation was completely absent. It is stated that using benzole enriched gas, or by purifying gas from CO_2 and H_2S defects due to decarburisation were completely eliminated. There are 2 figures.

ASSOCIATION: The Institute of Utilisation of Gas of the Academy of Sciences of the Ukrainian SSR and Zaporozhstal' Works.
(Institut Ispol'zovaniya Gaza AN USSR i Zavod Zaporozhstal')

AVAILABLE: Library of Congress
Card 3/3

18.7100

78190
SOV/133-60-3-15/24

AUTHOR: Dneprenko, K. V.

TITLE: Prevention of Surface Flaws in Annealing Steel Sheet

PERIODICAL: Stal', 1960, Nr 3, pp 255-259 (USSR)

ABSTRACT: At Zaporozhstal' Plant (zavod "Zaporzhstal'") black sheet is made from 08kp steel (0.09% C; 0.30-0.43% Mn) according to following procedure: (1) delivery of hot-rolled coils to pickling line; (2) cold rolling to 0.6 mm thickness; (3) bright annealing; (4) washing; (5) longitudinal cutting; (6) cold rolling to 0.20 to 0.35 mm thickness; (7) degreasing; (8) washing in hot water; (9) drying in hot air; (10) bright annealing in UKR-02 bell-type muffle furnaces. The protective annealing atmosphere has following composition: CO, 6-7; CO₂, 0.3-0.7; H₂, 6-7; and N₂, 85-88%. Protective gas is obtained in generators by combustion of coke oven and blast furnace gas mixture with subsequent purification of gas from H₂S and CO₂ and

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Prevention of Surface Flaws in Annealing
Steel Sheet

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drying by silica gel. Annealing rates: (1) blowing of muffles for 3 hr before heating; (2) blowing with protective atmosphere for 2 hr after covering with bell; (3) heating coils to $640-710^{\circ}\text{C}$ for 10-12 hr; (4) holding for 2 hr; (5) removing bell (8 min); (6) cooling coils under muffle to 180°C . For several years the above method of bright annealing produced dark edges and gray spots on some coils. These surface defects caused difficulties in pickling and tin plating and resulted in frequent rejects. T. I. Litvinova and P. L. Konstantinova investigated the microstructure of the surface defects and observed dark-gray, light-gray, and discolored sections on the surface films. At the same time, oxides were identified in the composition of these films. The author designed a device (see Fig. 3) for the determination of gas humidity, which is one of the reasons for the formation of oxides.

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Prevention of Surface Flaws in Annealing
Steel Sheet

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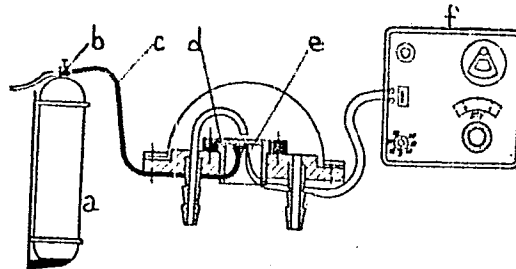


Fig. 3. Schematic diagram of a device for determination of gas humidity: (a) CO₂ balloon; (b) stopper needle; (c) tube; (d) container-mirror; (e) chromel-copel thermocouple; (f) PP-type potentiometer.

Investigations revealed that: (1) The presence of residual oxygen in the protective atmosphere is one of the reasons for the formation of spots and dark edges during the annealing of black sheet. Surface oxidation also occurs

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Prevention of Surface Flaws in Annealing
Steel Sheet

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with increased humidity of that atmosphere. (2) The presence of residual oxygen in the protective atmosphere is caused by the low temperature of the combustion chamber of the protective gas generators. (3) The formation of the above defects was prevented by temperature increase in the combustion chambers and the installation of checker-catalyzer in the combustion chamber. There are 5 figures; and 1 U.S. reference. The U.S. reference is: C. R. Lillie and D. N. Lewinson, Iron and Steel Engineer, 1957, Nr 5, pp 69-81.

ASSOCIATION: Institute of Gas Utilization of the AS UkrSSR (Institut ispol'zovaniya gaza AN USSR)

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DNEPRENKO, K.V.

Cooling of steel strip in water without oxidation of its surface.
Stal' 22 no.7:647 JI '62. (MIRA 15:7)

1. Institut ispol'zovaniya gaza AN USSR.
(Annealing of metals)
(Steel—Cooling)

DNEPRENKO, K.V.; BORISENKO, V.G.

Bright decarburized annealing of electrical steel coils in
bell furnaces. Stal' 22 no.9:835-838 S '62. (MIRA 15:11)

1. Institut ispol'zovaniya gaza AN UkrSSR i zavod
"Zaporozhstal'".
(Steel---Heat treatment) (Furances, Heat-treating)

DNEPRENKO, K.V., inzh.; KORABLIN, V.P., inzh.

Burning mixed gas in radiation tubes. Met.1 gornorud.prom.
no.5:67-70 S-O '62. (MIRA 16:1)

1. Institut ispol'zovaniya gaza AN UkrSSR.
(Furnaces, Heat-treating)
(Heat—Radiation and absorption)

SMIYAN, O.D.; DNEPRENKO, K.V.

Highly economical tubular gas heating elements for heating and heat-treating furnaces. Metalloved. i term. obr. met. no, 3:54-57 Mr '63.
(MIRA 16:3)

1. Institut elektrosvariki im. Patona.
(Furnaces, Heating) (Furnaces, Heat-treating)

DNEPRENKO, K.V.; SMIYAN, O.D.; SIZOV, A.N.

Blind radiant tubes. Stal' 23 no.9:854-855 S '63. (MIRA 16:10)

1. Institut ispol'zovaniya gaza AN UkrSSR i Gosudarstvennyy soyuznyy
institut po proyektirovaniyu metallurgicheskikh zavodov.

DNEPRENKO, K.V.; KRAVCHENKO, A.M.

Portable instrument with photoresistance for the determination
of the moisture content of gases. Gaz. prom. 8 no.11:16-19 '63.
(MIRA 17:11)

DNEPROV, A. *

The factor of time; a scientific fantastic short story. Nauka i tekhn.
mladezh 14 no.4:25-29 Ap '62.

* same as A.P. Mitskevich, candidate Physico-mathematical Sciences
Tekhnika molodezhi (Tech. for youth). No. 9, 1966, pp 7-9)

SPRS : 38,540

DNEPROV, A. *

"Design for a brain; the origin of adaptive behavior" by
W.R.Ashby. Reviewed by A.Dneprov. Tekh.mol. 31 no.2:34 '63.
(MIRA 16:6)
(Brain) (Calculating machines) (Ashby, W.R.)

* Same as A. P. Mitskevich, Candidate Physics - mathematical sciences
Tekhnika molo dezh (Tech. for youth). No 9, 1966 pp 7-9.
JPRS: 38,540

DNEPROV, Antoliy *

Perpetuum mobile; story. Tekh. mol. 31 no. 9: 28-29 '63.
(MIRA 16:9)

(No subject headings)

* Same as A. P. Mitskevich, candidate Physico-math. sciences
Tekhnika Molodezhi (Tech. for youth) No. 9, 1966, pp 7-9
SERIALS: 38, 540

L 02258-67 EWP(d)/EWP(f)/EWP(c)/EWP(v)/EWP(k)/EWP(h)/EWP(l) IJP(c) JD
ACC NR: AP6029954 (A, N) SOURCE CODE: UR/0413/66/000/015/0133/0134

INVENTORS: Baranov, N. A.; Birman, R. S.; Bugrov, M. S.; Nozdin, V. R.; Dneprov, A. I.; Balkov, G. V.; Loginov, L. A.

ORG: none

TITLE: An automatic line^u for continuous adjusting, cutting, and inspecting for the presence of surface defects and for the type of steel or the hardness of metallic rods. Class 49, No. 184589 [announced by Moscow Metallurgical Plant "Sickle and Hammer" of the Order of Lenin and the Order of the Workers' Rod Banner (Moskovskiy ordena Lenina i ordena Trudovogo Krasnogo Znameni metallurgicheskii zavod "Serp i molot")]

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 133-134

TOPIC TAGS: metalworking, automation, industrial automation, automatic control equipment

ABSTRACT: This Author Certificate presents an automatic line for continuous adjusting, cutting, and inspecting for the presence of surface defects and for the type of steel or hardness of metallic rods. To improve its efficiency and the quality of inspection, the line contains a combination of consecutively mounted (along the course of the technological process): an assembly for adjusting and cutting the ends of the rods; an assembly for a simultaneous inspection of the rods for the presence of surface defects and for the type of steel or for the hardness (by a defectoscopic

Card 1/3

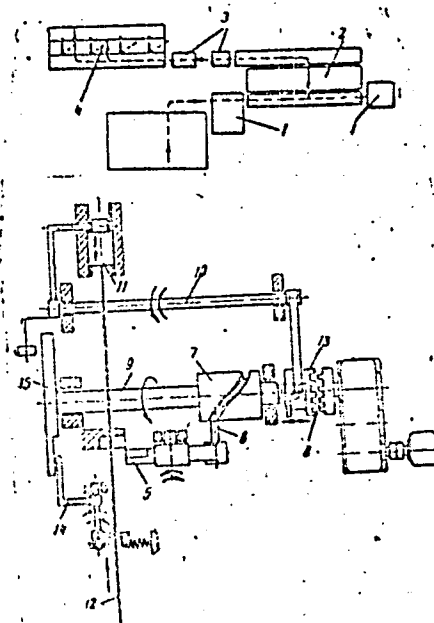
UDC: 620.179.6-422.2

L 09258-67

ACC NR: AP6029954

assembly); and an assembly for sorting the usable and the defective rods (see Fig. 1).

Fig. 1. 1 - assembly for adjusting and cutting; 2 - assembly for dismounting and transporting; 3 - defectoscopic assembly; 4 - assembly for sorting the usable and the defective products; 5 - movable blade; 6 - knife finger; 7 - knuckled drum; 8 - clutch; 9 - roller; 10 - lever; 11 - movable carriage; 12 - rod; 13 - semiclutch; 14 - lever; 15 - sprocket



L 09258-67

ACC NR: AP6029954

The assembly for adjusting and cutting of the rods being inspected may contain a lever shear with one movable blade. The shear contains a finger, a drum knuckle with a contoured recess for receiving the finger of the blade, a clutch mounted on one roller, a system of levers connected to a bearing carriage and absorbing the force of a blow from the moving rod being inspected and transmitting the movement to one of the semiclutches. The assembly for adjusting and cutting the inspected rods may also contain a mechanism for collecting the cut rods. This mechanism is made in the form of a lever kinematically connected to a sprocket mounted on the roller which also carries the knuckled drum and the clutch. Orig. art. has: 1 figure.

SUB CODE: *12, 05* SUBM DATE: 10Dec63

Card 3/3

DMEFRON, A.P.

New aspect of industrial revolution. Standartizatsiia 29 no.4:
8-9 Ap '65. (MIRA 18:7)

DNEPROV, D.; MIZINOV, V.; KHRISANNOV, P.

Some problems in the technical operation of taxicabs. Avt.
transp. 34 no.8:10-11 Ag '56. (MLRA 9:10)

(Taxicabs)

DNEPROV, F.

In the role of the student. Voen. znan. 41 no.2:21 F '65.
(MIRA 18:3)

DNEPROV, F.

Training soon. Voen.znan. 41 no.11:25 N '65.

(MIRA 18:12)

OPEN		COMMON ELEMENTS		MATERIALS INDEX		PROCESS AND PROPERTIES INDEX		COMMON VARIABLE INDEX	
BC Transport number, conductivity, and viscosity of solutions of hydrogen chloride in mixed solvents. I. I. SHUKOV and G. F. DNEPROV. (J. Gen. Chem. Russ., 1938, 8, 1476-1482).—The transport no. of Cl⁻ in aq. org. solvents (0.1N HCl) rises as the [EtOH] exceeds 10 and the [(CH₃)₂OH]₂ 20 mol. %, but is not affected by glycerol (up to 35%). The η of the aq. solvents is lowered by addition of HCl. The conductivity falls with increasing concn. of org. solvents. R. T.									
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION									
SECTION 1: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100									

ZHUKOV, I. I.; DNEPROV, G. F.

"The Effect of Cane Sugar on the Hittorf Number, The Electroconductivity, the Viscosity and the Concentration of Hydrogen Ions in Solutions of Hydrochloric Acid" Zhur. Obshch. Khim. Laboratory of Physical Chemistry Scientific-Research Chemical Institute Leningrad State University. Received 1 July 1939.

Report U-1526 24 Oct 51.

137 AND 138 CVD(3)		PROCESS AND PROPERTIES INDEX		2	
<i>Ca</i> The effect of sucrose (cane sugar) upon the transference number, electrical conductivity, viscosity and concentration of hydrogen ions in hydrochloric acid solutions. I. I. Zhukov and G. F. Danusev. J. Gen. Chem. (U. S. S. R.) 10, 201-4 (1940); cf. C. A. 33, 4857. —Previously described methods were used for the detns. at 25° and 36°. The transference no. of Cl⁻ remained const. in HCl solns. contg. sucrose up to 30% by wt. (or 2.2378 mol. %) and decreased with further increase in the sucrose concn. The change in the viscosity of the soln. had no effect on the transference no. (from 0.165 to 0.111 at 1 and 70% by wt. of sucrose, resp.). In general, the activity of hydrogen ion increased with increase in the sucrose content in the aq. HCl soln. The decrease in transference no. of Cl⁻ is explained by its hydration and solvation in the hydrate water of sucrose (whereas H⁺ is not sol. in that water). The d. of soln. changed from 1.0020 to 1.3604 at 25° and from 1.0000 to 1.3880 at 36°; viscosity changed from 0.0335 to 273.27 and 0.7493 to 208.92; elec. cond. changed from 0.03801 to 0.001067 and from 0.04353 to 0.001631 mhos; and pH changed from 1.14 to 0.33 and from 1.07 to 0.48 in the soln. of sucrose in HCl between 1 and 70% by wt. of sucrose, resp. A. A. Podgorny		COMMON ELEMENTS COMMON VARIABLE ELEMENTS			
137 AND 138 CVD(3) 137 AND 138 CVD(3)		137 AND 138 CVD(3) 137 AND 138 CVD(3)			

DNEPROV, G.F.

USSR.

✓ The transference number and the electrical conductivity of HCl in aqueous glycol solutions. G. P. Dneprov. ~~Uchenye Zapiski Leningrad. Gosudarst. Univ. Ser. A. 1951. No. 130, Ser. A. 1951. No. 10, 69-78 (1951).~~

H-ion velocity was measured for HCl at $E = 30$ v. in aq. org. solns., in which the resistance at 15° was 63.3 Ω (MeOH 20.7 mol. %; EtOH 12.2; acetone 12.7; ethylene glycol 11.4; and glycerol 8.1); and also at 108.7 Ω (MeOH 48.8; EtOH 25.0; acetone 25.8; glycol 20.2; and glycerol 14.0). In all cases the product of the ion velocity by the resistance was const. The study was extended in the case of the glycol to different temps. (25° , 40°) and different mole fractions of glycol (0-76.7%). Temp. and compn. affected H-ion velocity only in so far as they affected resistance.

C. H. Fuchsman

MT
gpr

DNEPROV G.F.

The mobility of OH^- from KOH in eq. soln. means solvents. G. F. Dneprov (1937), Med. Inst. Leningrad. *Uchenye Zapiski Leningrad. gosudar. univ.* A. A. Zhdanov No. 155, Ser. Khim. Nauk, No. 11, 22-8 (1932); cf. *Cyt.* 49, 1339a. The mobility of OH^- in KOH soln. (0.2M) in mixed solvents of H_2O with MeOH, EtOH, Me₂O, Et glycol, or glycerol was detd. with I as a boundary indicator. The rule found previously (*loc. cit.*) for H^+ held for OH^- ; at a const. potential E , electrolyte concn., and temp. W in all solvent mixts. of the same electroresistance R was the same. $W = F/R \cdot \eta$ was a constant, whereas W_{H^+} was linear. It was also a straight line; with $E/R = 0.1$, the value of W was 100/sec.

I. Bantown

DNEPROV, G.F.

Study of the of mobility of HS^+ , SO_3^{++} , and $\text{S}_2\text{O}_4^{++}$ ions in aqueous-
-alcoholic solvents by means of mobile chromatic interfaces. Uch.
zap.Len.un.169:49-55 '53. (MLRA 9:6)
(Ion exchange) (Sulfur compounds)

DNEPROV, G.F.

~~Uch. zap. Len. un. 169:56-67 '53.~~

Conductance and viscosity of solutions of NH_4Cl and NH_4I in
solvents: methyl alcohol - water, ethyl alcohol - water.

Uch. zap. Len. un. 169:56-67 '53. (MLRA 9:6)
(Ammonium salts--Electric properties)

DOLBOV, V. M.

"A Simple Relieving Attachment for the Dlp-200 Lathe,"
Stanki i Instrument, 16, No. 6, 1945

BR-52059019

SMIRNOV, M.S.; DNEPROV, V.N.

Effect of the sulfur content on the wear of fuel pump plungers in
the ZD-6 engine. Khim.sera i azotorg.soed. sod.v neft.i neftspod. 3:
483-485 '60. (MIRA 14:6)

1. Nauchno-issledovatel'skiy institut goryuche-smazochnykh materialov.
(Fuel pumps) (Sulfur)

DNEPROV, V. N., Cand Tech Sci -- "Study of corrosion, ^{and} ~~wearing~~
^{properties} ~~characteristics~~ of ^{sulfur} ~~sulphur~~ fuels by the method of radioactive
isotopes and of the means of preventing ^{wear} ~~deterioration~~ of
Diesel engines." Mos, 1961. (Main Sci Res Inst attached
to the State Econ Council USSR. All-Union Sci Res Inst ^{for} ~~on~~
^{Refining of Petroleum} ~~Reprocessing of~~ Oil and Gas and ^{Production} ~~on the Obtaining of~~ ^{Synthetic} ~~Artificial~~
Liquid Fuel "VNII NP") (KL, 8-61, 242)

LOSIKOV, B.V.; SMIRNOV, M.S.; RUBINSHTEYN, I.A.; ALEKSANDROVA, L.A.;
OCHERETIYANNYY, I.T.; DNEPROV, V.N.

Use of "neutralizing" substances in engines operating on high-
sulfur diesel fuels. Khim.i tekhn. topl.i masel 6 no.2:46-52
F '61. (MIRA 14:1)

(Diesel fuels)

Z/011/62/019/002/002/003
E073/E335

AUTHORS: Smirnov, M.S., Ocheretyanyy, I.T. and Dneprov, V.N.
TITLE: Investigation of the operational properties of
lubricating-oil additives for diesel engines
operating with high sulphur-content fuels
PERIODICAL: Chemie a chemická technologie; Prehled technické
a hospodářské literatury, v.19, no. 2, 1962, 85,
abstract Ch 62-1170 (Khimiya i tekhnologiya topliv i
masel no. 11, 1961, 59 - 64)
TEXT: If fuels containing over 1% sulphur are used, the
combustion products have to be neutralized by means of
PMSYa and NSK additives in combination with the anti-oxidant
additive VNII-353. Under these conditions the additive
TsiATIM-339 has little effect. 4 tables, 5 references.
[Abstracter's note: this is a complete translation.]

Card 1/1

✓

DNEPROV, V. N.

36351

S/081/62/000/005/076/112
B162/B101

11.0140

AUTHORS: Losikov, B. V., Smirnov, M. S., Aleksandrova, L. A.,
Kubinshteyn, I. A., Ocheretyanny, I. T., Dneprov, V. N.

TITLE: Application of neutralizing substances in engines working
on high-sulfur diesel fuels

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 5, 1962, 526,
abstract 5M200 (Sb. "Prisadki k maslam i toplivam".
M., Gostoptekhizdat, 1961, 381-388)

TEXT: Results of tests on diesel engines type 1M - 10.5/13 (1Ch - 10.5/13),
2M - 8.5/11 (2Ch - 8.5/11), IT-9 - 3 (IT - 9 - 3), 3A - 6 (3D - 6),
M - 50F (M - 50F), and 2M - 100 (2D - 100) working on fuels with a sulfur
content of 1.0 to 1.6% with ammonia gas fed to the combustion chamber
of the engines in an amount of 0.08 - 0.14% by weight with respect to the
fuel are given. It is shown that ammonia is a highly efficient means of
reducing corrosion wear of the engines, preventing the formation of
deposits and the burning of piston rings. It is found that the action

Card 1/2

Application of neutralizing ...

S/081/62/000/005/076/112
B162/B101

of ammonia is linked with its ability of slowing down the formation of sulfuric anhydride during the combustion of the sulfur contained in the fuel. An explanation is given of the mechanism by which the ammonia acts on the basis of the idea of radical-chain mechanism of oxidation of sulfur compounds. [Abstracter's note: Complete translation.]

Card 2/2

SMIRNOV, M.S.; DNEPROV, V.N.; LIBENZON, A.A.

Changes of stability and corrosivity of sulfur-bearing diesel
fuels during prolonged storage. Khim.i tekhn.toyl.i masel 7
no.9:51-55 S '62. (MIRA 15:8)
(Diesel fuels--Storage)

SMIRNOV, M.S.; OCHERETIANYI, I.T.; KUZNETSOV, Ye.G.; DNEPROV, V.N.

Testing of domestic and foreign additives to lubricants in
high-speed diesel engines. Khim. i tekhn. topl. i masel 8
no.4:56-59 Ap '63. (MIRA 16:6)

(Diesel fuels—Additives)

L 2567-66 EWT(m)/EWP(w)/EPF(o)/T/EWP(t)/EWP(b) DIAAP: JD/DJ/GS
 ACCESSION NR: AT5022688 UR/0000/65/000/000/0353/0358
 AUTHORS: Dneprov, V. N.; Smirnov, M. S.
 TITLE: Evaluation of antiwear properties of lubricating oils on engine 2 Ch-8.5/11 using radioactive isotopes
 SOURCE: AN SSSR. Nauchnyy sovet po treniyu i smazkam. Teoriya treniya i iznosa (Theory of friction and wear). Moscow, Izd-vo Nauka, 1965, 353-358
 TOPIC TAGS: lubricating oil, engine wear, piston ring wear, lubricant property/ B 2 radiation counter, MK 22 lubricant, AS 9.5 lubricant, DS GOST4749 49 fuel, 2 Ch 8.5/11 diesel engine
 ABSTRACT: The method and results of piston ring wear experiments on diesel engine 2Ch-8.5/11 using active Co^{60} inserts are discussed. The two-cylinder, four-stroke engine (10 hp at 1500 rpm) in a test stand was used with the equipment shown in Fig. 1 on the Enclosure. This consisted of an auxiliary oil pumping loop (with oil pump 4), counters 1, counting device 2 (type B-2), and recorder 3 (type EPP-09). The slope of the activity (impulse/min)-time curve was used to measure the effects on piston ring wear of rpm, load, cooling water temperature, length of test, and oil burn-off. It was found that: a) at constant load an increase in speed from
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L 2567-66

ACCESSION NR: AT5022688

1100-1500 rpm resulted in a 1.5 increase in wear; b) wear increased approximately linearly with load and was ≈ 2.6 times higher for a high sulfur (1.6%) fuel than for fuel DS GCST 4749-49 (0.18% S); c) wear decreased drastically as cooling water temperature was increased from 35-50C and then remained approximately constant (to 80C); d) wear remained essentially constant after a maximum run-in period of 4 hours with all lubricants. Based on the above results, operating parameters were chosen as 1500 rpm, 4-hour duration, 60-65C inlet water temperature, maximum load for all subsequent tests of lubricants and fuels. Lubricants MK-22 (with 3 different additives) and AS-9.5 (3 different additives) were tested with high and low sulfur content fuels, and a table of wear rates (in impulses/min) is presented. AS-9.5 lubricant without additive working with a low sulfur fuel gave best results. Orig. art. has: 3 tables and 5 figures.

ASSOCIATION: Nauchnyy sovet po treniyu i smazkam, AN SSSR (Scientific Committee on Friction and Lubrication, AN SSSR)

SUBMITTED: 18 May 65

ENCL: 01

SUB CODE: FP

NO REF SOV: 000

OTHER: 000

Card 2/3

I, 2567-66
ACCESSION NR: AT5022688

ENCLOSURE: 01

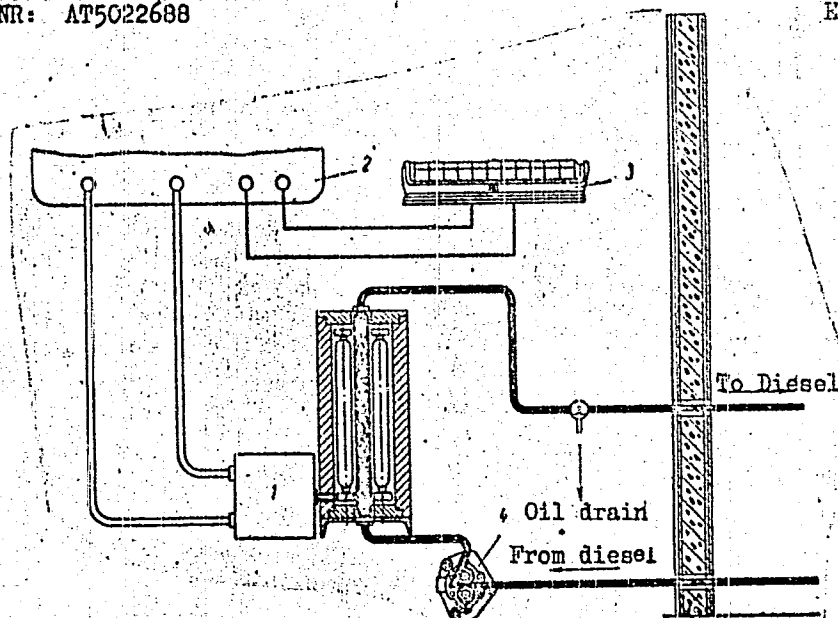


Fig. 1. Schematic of test apparatus

Card 383

AYZENSHTADT, G.Ye.-A.; DNEPROV, V.S.; KOLTYPIN, S.N.; SOKOLOVA, Ye.I.

Oil and gas potentials of the southern Emba region and adjacent southern territories. Geol.nefti 2 no.9:19-25 S '58.

(MIRA 11:10)

1.Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologo-rasvedochnyy institut.

(Kazakhstan--Gas, Natural--Geology)

DNEPROV, Vladimir Solomonovich; KULIKOV, M.V., nauchnyy red.;
YASHCHURZHINSKAYA, A.B., tekhn.red.

[Oil fields and exploratory areas in the Emba oil province]
Neftianye mestorozhdenia i razvedochnye ploshchadi Embenskoj
neftenosnoj oblasti. Leningrad, Gos.nauchno-tekhn.izd-vo neft.
i gorno-toplivnoi lit-ry, Leningr.otd.-nie. 1959. 275 p.
(Leningrad.Vsesoiuznyi neftianoj nauchno-issledovatel'skii
geologorazvedochnyi institut. Trudy, no.138) (MIRA 12:12)
(Emba region—Petroleumgeology)

DNEPROV, Vladimir Solomonovich; BRUSKIN, D.M., red.; YASHCHURZHINSKAYA, A.B.,
tekhn.red.

U. C

[Geology, and oil and gas potentials of the southern ~~steppe~~ upland and
northern Ust-Urt.] Geologicheskoe stroenie i neftegazonosnost' Iuzhno-
Kazanskogo podniatija i Severnogo Ustiuarta. Leningrad Gos. nauchno-tekhn.
izd-vo nef. i gorno-toplivnoi lit-ry, Leningr. otd-is. 1962. 122p.
(Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologicheskii
nazvedochnyi institut. Trudy, no.194) (MIRA 15:12)
(Kazakhstan--Geology) (Kazakhstan--Petroleum geology)
(Kazakhstan--Gas, Natural--Geology)

AYZENSHTADT, G.Ye.-A.; DNEPROV, V.S.

Evaluating the prospects for finding oil in the southwestern
Caspian Lowland and basic trends in prospecting operations.
Neftegaz. geol. i geofiz. no.7:9-12 '64. (MIRA 17:8)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologorazve-
dochnyy institut, Leningrad.

GRUSHMAN, Roman Petrovich; DNEPROVA, N.I., red.; ROZOV, L.K., tekhn.
red.

[Accident prevention in installing heat insulation] Tekhnika
bezopasnosti pri teploizoliatsionnykh rabotakh. Leningrad,
Gosstroizdat, 1963. 64 p. (MIRA 16:5)
(Insulation (Heat))—Safety measures)

DNEPROVA, T.I.

Some data on the epidemiology of influenza in Stavropol in
1957. Zhur.mikrobiol.epid. i immun. 30 no.5:142 My '59.
(MIRA 12:9)

1. Iz polikliniki No.3 g.Stavropolya na Kavkaze.
(STAVROPOL'--INFLUENZA)

DNEPROVA, T.I.

Course of gastric and duodenal peptic ulcer; according to observations at a dispensary. Sov.med. 26 no.10:99-102 0 '62.

(MIRA 15:12)

1. Iz polikliniki No. 3 Stavropolya-na-Kavkaze.
(PEPTIC ULCER)

DNEPROVA, T.I.; PYATNITSKIY, N.P., prof., nauchnyy rukovoditel' raboty;
SERGIYENKO, I.N., prof., nauchnyy rukovoditel' raboty.

Diagnostic value of determining pepsin in the stomach contents
and uropepsin. Uch. zap. Stavr. gos. med. inst. 12:332-333 '63.
(MIRA 17:9)

DNEPROVA, T.I.

Gastritis with secretory insufficiency according to dispensary
observation data. Uch. zap. Stavr. gos. med. inst. 12:336-337 '63.
(MIRA 17:9)

1. Nauchnyy rukovoditel' saveduyushchiy fakedroy gosital'noy
terapii Stavropol'skogo gosudarstvennogo meditsinskogo instituta
prof. I.N. Sergiyenko.

L 00917-66 EWT(m)/EWG(m)/T/ENP(t)/EWP(z)/EWP(b) IJP(c) ES/JD/JW/HW/MJW/CL

ACCESSION NR: AP5020386

UR/0364/65/001/008/0933/0940
541.135.4

AUTHOR: Levitskiy, V. A.; Rezhukhina, T. N.; Dneprova, V. G.

TITLE: Measurement of emf of galvanic cells with solid electrolyte above 1100°C.
Thermodynamic properties of nickel chromite

SOURCE: Elektrokimiya, v. 1, no. 8, 1965, 933-940

TOPIC TAGS: thermodynamic function, nickel compound, electrochemistry, galvanic cell

ABSTRACT: A cell was designed for electrochemical measurements in oxide systems at high temperatures (see fig. 1 of the Enclosure). The emf of galvanic cells with solid electrolyte was measured up to 1600°K. To check the performance of the apparatus the emf of cells containing iron oxides, as well as iron and cobalt chromites was used. The emf of the following cell was measured in the 1300-1550°K temperature interval

$Pt|Fe_{0.95}O, Fe|ThO_2-La_2O_3|(Ni + Cr_2O_3), NiCr_2O_4|Pt$

On the basis of these measurements the Gibbs standard free energy for the reaction $NiO + Cr_2O_3 \rightarrow NiCr_2O_4$ in the investigated temperature interval was found to be

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ACCESSION NR: AP5020386

$$\Delta G^{\circ}(\pm 0.05 \text{ Kcal}) = -17.55(\pm 0.57) - 1.07(\pm 0.41) \cdot 10^{-3} T.$$

The thermodynamic functions for NiCr_2O_4 were obtained for the first time and compared to iron and cobalt chromites. The high negative value of the isobaric potential is characteristic for the formation of all three chromites from oxides. Even at high temperatures (1200-1500°C), these chromites are stable with respect to ordinary reducing agents (CO and H_2). Therefore, during reduction melting the presence of chromium in oxidized cobalt-nickel ores would lead to the loss of cobalt and nickel with the slag. Orig. art. has: 4 tables and 3 figures.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University)

SUBMITTED: 04Jan65

ENCL: 01

SUB CODE: MM, EM

NO REF SOV: 012

OTHER: 013

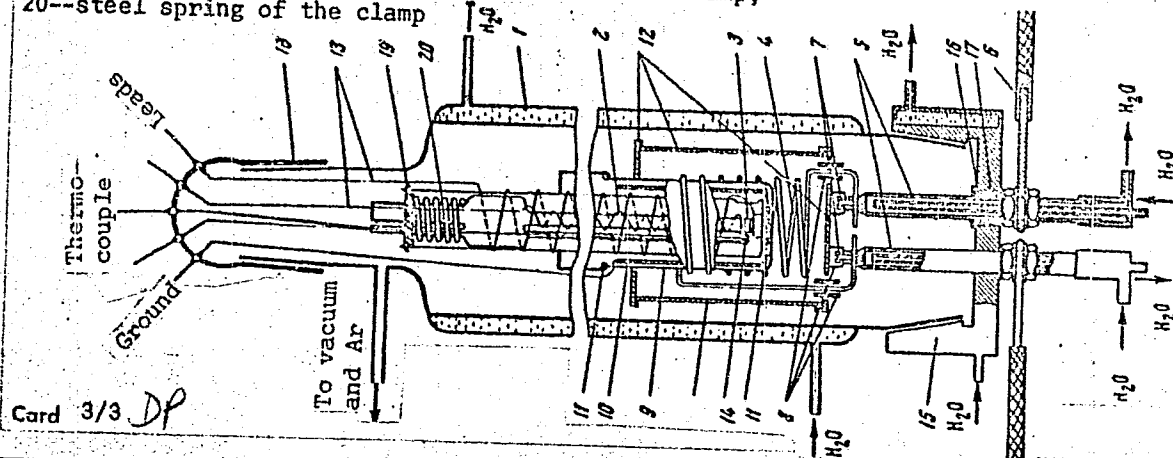
Card 2/3

L 00917-66

ACCESSION NR: AP5020386

ENCLOSURE: 01

Fig. 1. Apparatus for measurement of galvanic cell emf above 1100°C. 1--quartz reactor with water cooled walls; 2--quartz clamp for the cell; 3--pellets; 4--heater; 5--water cooled current leads; 6--copper bus bars; 7--clamps for attaching heater to lead wires; 8--insulators; 9--quartz jacket; 10--ground shield; 11--getter (Zr or Ti shavings); 12--molybdenum reflector; 13--platinum cell leads; 14--thermocouple; 15--metallic water-cooled tapered joint; 16 & 17--vacuum insulating seals; 18--tapered joint of the reactor; 19--metal bracket of the clamp; 20--steel spring of the clamp



PROTSENKO, P.I.; POPOVSKAYA, N.P.; Prinimali uchastiye: Dneprovskaya, G.G.;
PROTSENKO, A.V.

Electric conductivity of the melts of some nitrates and their mixtures.
Zhur. fiz. khim. 35 no. 4:867-870 Ap '61. (MIRA 14:5)

1. Rostovskiy gosudarstvennyy universitet, Rostov-na-Donu.
(Nitrates--Electric properties)

DNEPROVSKAYA, G.G.

Transverse connections of the sacral section of the sympathetic
trunk. Vop. morf. perif. nerv. sist. no.6:71-79'63.

(MIRA 16:10)

(SACROCOCCYGEAL REGION — INNERVATION)

DNEPROVOLZHSKIY, S.A.

~~Osseous neurotrophic changes in wounds of the spinal cord and nerve trunks. Khirurgiia, Moskva no. 7:42-44 July 1952. (GLML 23:1)~~

1. Moscow.

DNEPROVIZHESKIY, S.A.; GABOVSKAYA, N.A., glavnyy vrach.

Transthoracic goiter. Sov.med. 17 no.10:34-35 0 '53.

(MLRA 6:10)

1. Poliklinicheskoye otdeleniye 39-y ob"edinennoy bol'nitsy Frunzenskogo
rayona Moskvy. (Goiter)

DNEPROVOLZHSKIY, S.A.

Diverticula of the small intestine. Klin. med., Moskva 31 no.5:75-78
May 1953. (GML 25:1)

1. Of the 27th Polyclinic of Frunse Rayon (Head Physician -- Ye. I. Samoylova).

DNEPROVOLZHSKIY, S.A.

Cancer of lungs in a patient with tuberculosis of the skin, bones
and lungs. Probl. tub. 34 no.1:55 Ja-F '56 (MLRA 9:5)

1. Iz rentgenologicheskogo otdeleniya 39-y ob'yedinennoy bol'nitsy
Moskvy (glavnyy vrach N.A. Gabovskaya.)

(LUNGS, neoplasms

with tuberc. of skin, bones & lungs)

(TUBERCULOSIS

of bones, lungs & skin in cancer of lungs)

DNEPROVSKAYA, G. G.

Dneprovskaya, G. G.

"The structure and connections of the sacral portions of the border
sympathetic trunk of man." Minsk State Medical Inst. Minsk, 1956 .
(Dissertation for the Degree of Candidate in Medical Sciences).

Knizhnaya letopis'
No. 21, 1956. Moscow.

DNEPROVSKAYA, G.G.

Structure and connections of the sacral section of the truncus
sympathicus in human beings. Vop.morf.perif.nerv.sist. no.4:47-
62 '58. (MIRA 13:5)

(NERVOUS SYSTEM, SYMPATHETIC)

DNEPROVSKAYA, I. A.

"Effect of the Shape of the Horn Cross section on the Frequency Characteristics of a Horn Loudspeaker".

Tr. Vses. Gos. n-i. in-ta Radioveshchat, Priyema ia Akustiki, No 2, pp 2-9, 1954

Tests of frequency characteristics on the input of the loudspeaker loading the catheboidal horns having cross sections of various shapes, but of equivalent area, proved the incorrectness of the assumption that the frequency characteristic and the pressure of sound on the axis do not depend on the shape of the horn cross section. Computations indicated a maximum pressure at rectangular cross sections, while experiments showed a maximum at a circular shape. (RZhFiz, No 9, 1955)

SO: Sum No 812, 6 Feb 1956

DNEPROVSKAYA, I. A., SAMARSKIY, V. I. and TIMOFEYEVA, E. A.

"Loudspeakers for Reproduction of High Audio Frequencies."

paper presented at the 4th All-Union Conf. on Acoustics, Moscow, 26 May - ~~4~~ Jun 58.

NOTES
S/046/62/008/003/004/007
B108/B104

6.4000

AUTHORS: Dneprovskaya, I. A., Iofe, V. K., Levitas, F. I.

TITLE: Attenuation of sound in the atmosphere

PERIODICAL: Akusticheskiy zhurnal, v. 8, no. 3, 1962, 301 - 307

TEXT: The excess attenuation α of sound (200 - 2000 cps) in the atmosphere was determined from measurements in 7 different tracts of land (above and near lakes, valleys, etc). The sound level at an altitude of 1.5 - 1.7 m above the ground was recorded objectively at the source (distance $r_0 = 5m$) and subjectively at the receiver (1.5 - 5 km). The excess attenuation α (in db/km) is equal to $(N - N_0 - 20 \log r/r_0)/r - \gamma$ where γ is the molecular attenuation, N_0 is the sound level at r_0 , N is the sound level at the distance r from the source. α depends on the season of the year, on the time of the day, on the type of surface, on the distance from the source, and on the frequency. Its value generally increases with frequency. The presence of an acoustic shade increased α naturally to twice its normal amount. The results were not uniform and often contradictory. For more

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accurate results, more statistical data would be required. There are 7 figures.

ASSOCIATION: Gosudarstvennyy soyuznyy n.-i. institut radioveshchatel'nogo priyema i akustiki im. A. S. Popova Leningrad (State All-Union Scientific Research Institute of Radiobroadcasting Reception and Acoustics imeni A. S. Popov, Leningrad)

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POVORINSKIY, Yu.A. DNEPROVSKAYA, S.V.

Use of certain pharmacological substances which reinforce the action of insulin in treatment of schizophrenia; clinical and experimental studies. [with summary in French]. Zhur.nevr. i psikh. 28 no.9:1106-1111 '58 (MIRA 11:11)

1. Psikhiatricheskaya klinika (rukovoditel' - prof. Yu.A. Povorinskiy) Leningradskogo nauchno issledovatel'skogo psikhonevrologicheskogo instituta im. Bekhtereva (dir. - prof. V.N. Myasishchev).
(SHOCK THERAPY INSULIN, in var. dis.
schizophrenia, with reinforcing drugs (Rus))
(SCHIZOPHRENIA, ther.
insulin shock, with reinforcing drugs (Rus))

POVORINSKIY, Yu.A.; SHATALOVA, A.A.; DNEPROVSKAYA, S.V.; ZIMUKOVA, L.I.;
KOLESOVA, A.A.

Increase and acceleration of the action of insulin in the combined treatment of schizophrenia by means of a change in the reactivity of the body. Trudy Gos. nauch.-issl. psikhonevr. inst. no. 20:191-204 '59. (MIRA 14:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy psikhonevrologicheskiy institut imeni V.M. Bekhtereva, Leningrad.
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(NERVOUS SYSTEM, AUTONOMIC)

DNEPROVSKAYA, S.V.

Some pathophysiological shifts in higher nervous activity during the treatment with neuroplegic substances of schizophrenia. Trudy Gos.nauch.-issl.inst.psikh. 27:201-207 '61. (MIRA 15:10)

1. Leningradskiy psikhonevrologicheskiy institut imeni V.M. Bekhtereva. Dir. - chlen-korrespondent Akademii pedagogicheskikh nauk prof. V.N.Myasishchev. Psikhiatricheskaya klinika. Zav. - prof. Yu.A.Povorin~~sky~~^{skiy}.
(SCHIZOPHRENIA) (NERVOUS SYSTEM) (AUTONOMIC DRUGS)